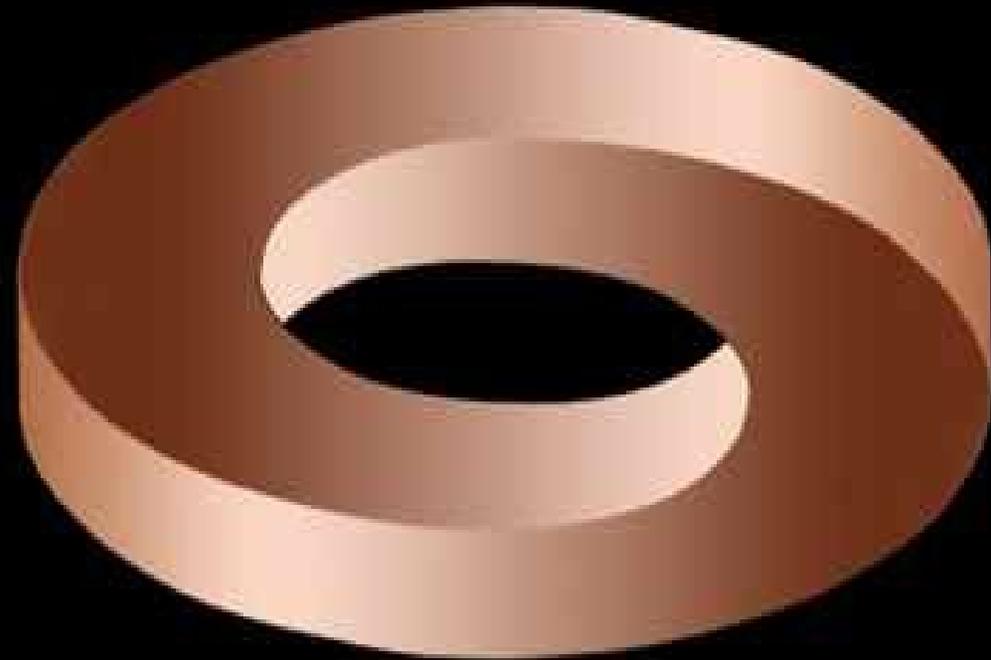




Run-5 Update



Machine-Experiments
March 9th, 2005



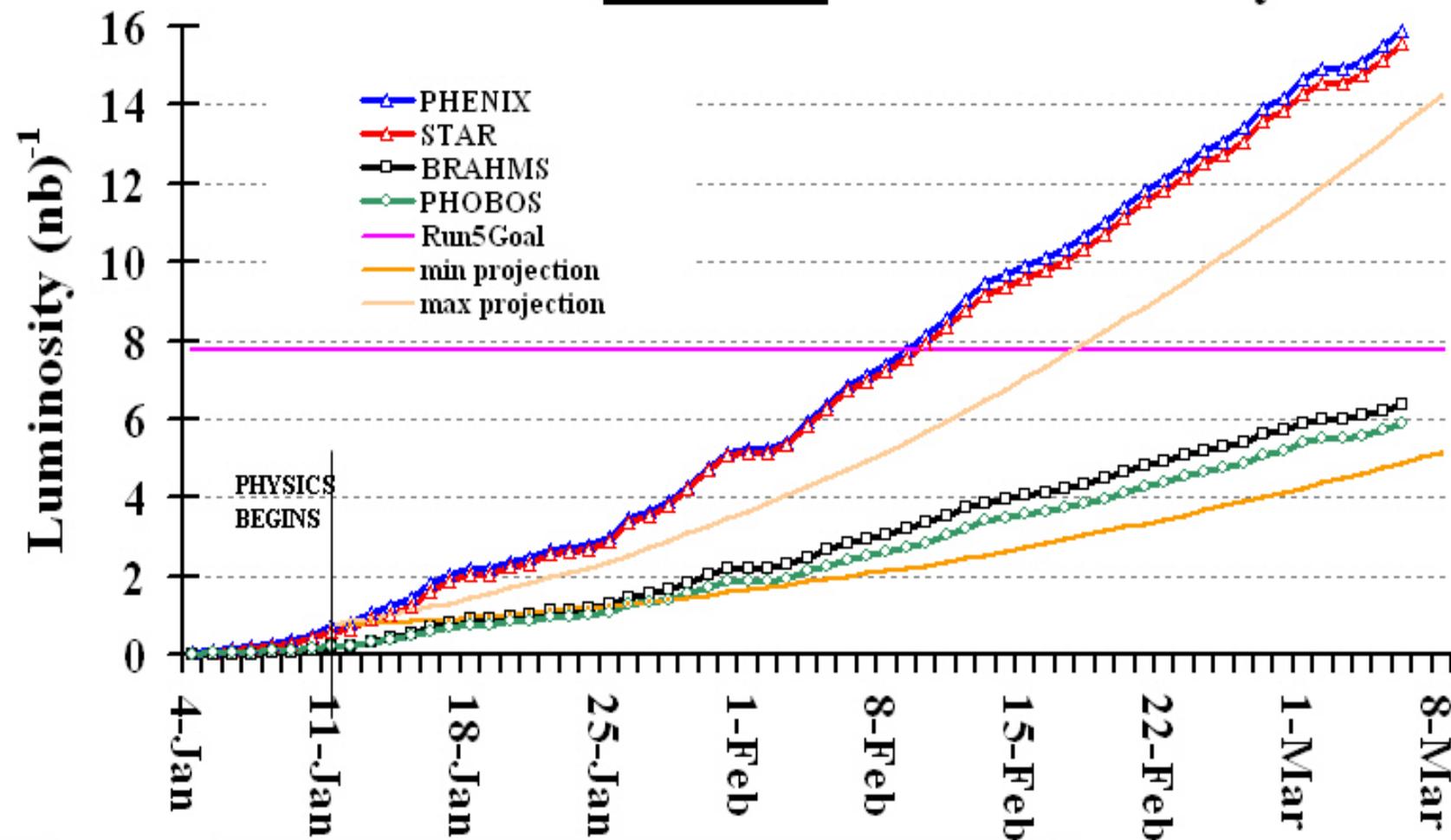


Status: end of HE-Cu run

~8 weeks

Total Run-5	
Phenix	15.16
Star	14.99
Brahms	6.15
Phobos	5.67

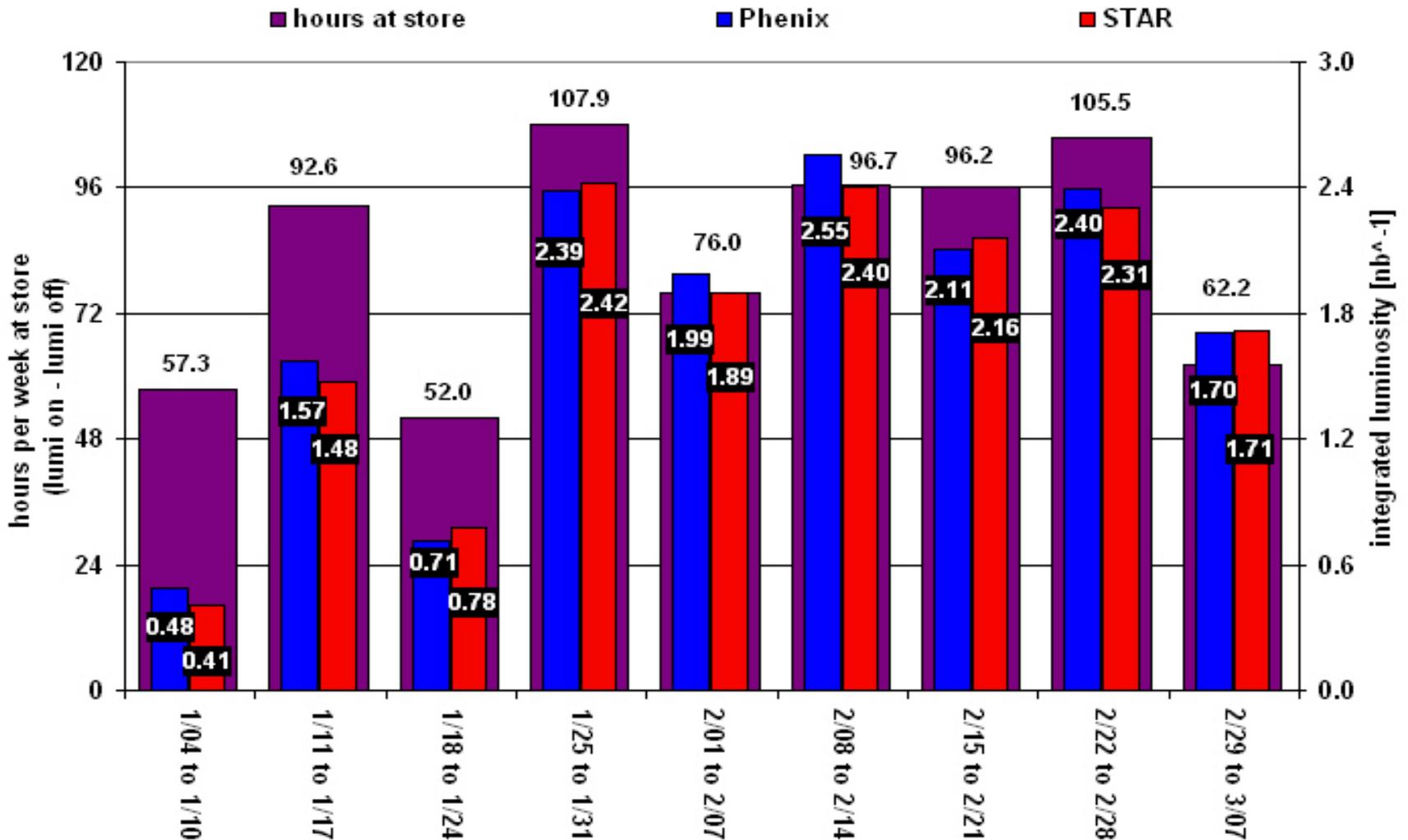
RHIC Run 5 Delivered Cu-Cu Luminosity





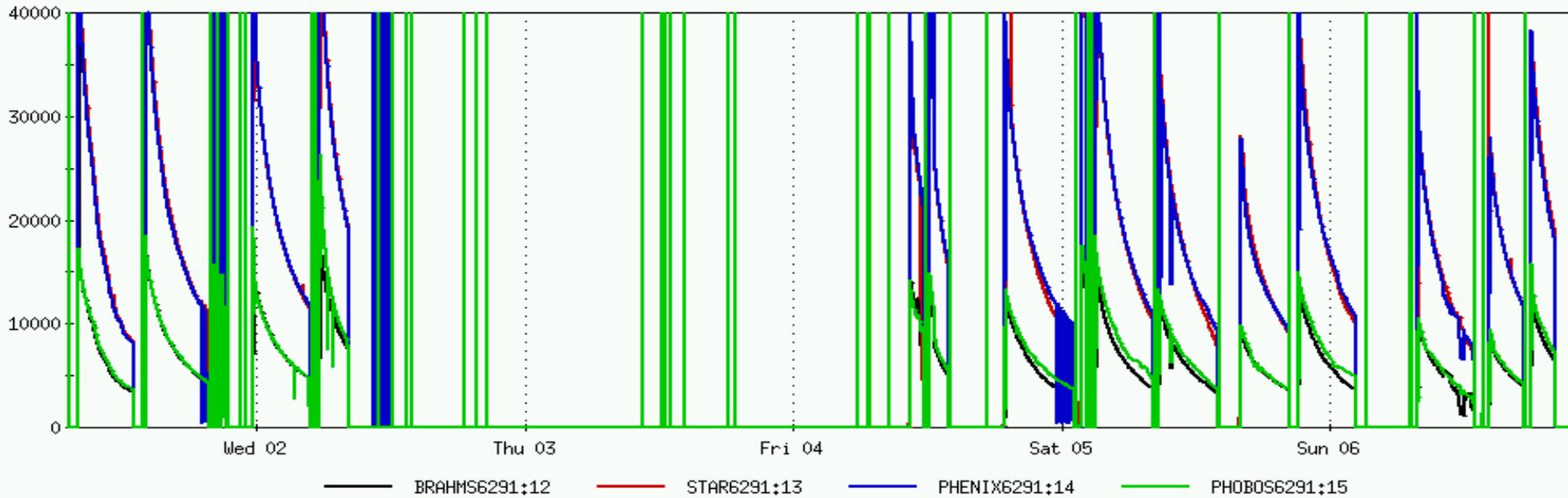
Luminosity / week

Run5 -- DELIVERED Integrated Luminosity by week





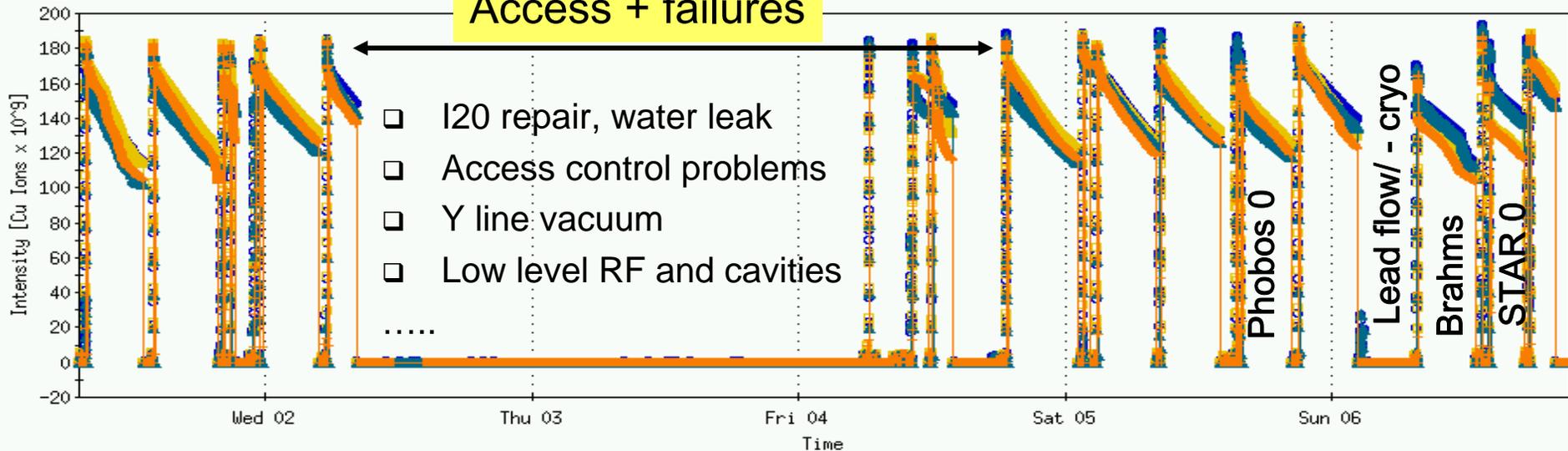
Stores – Week 8



Access + failures

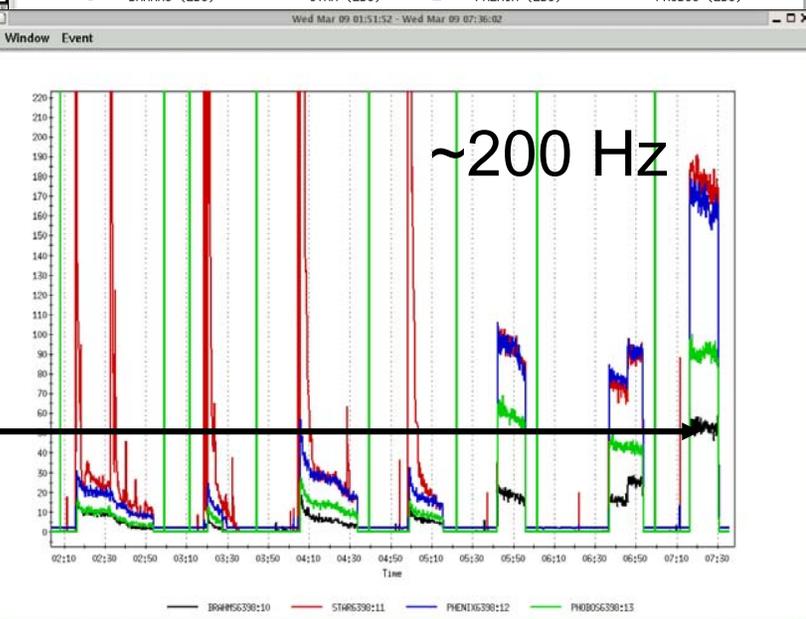
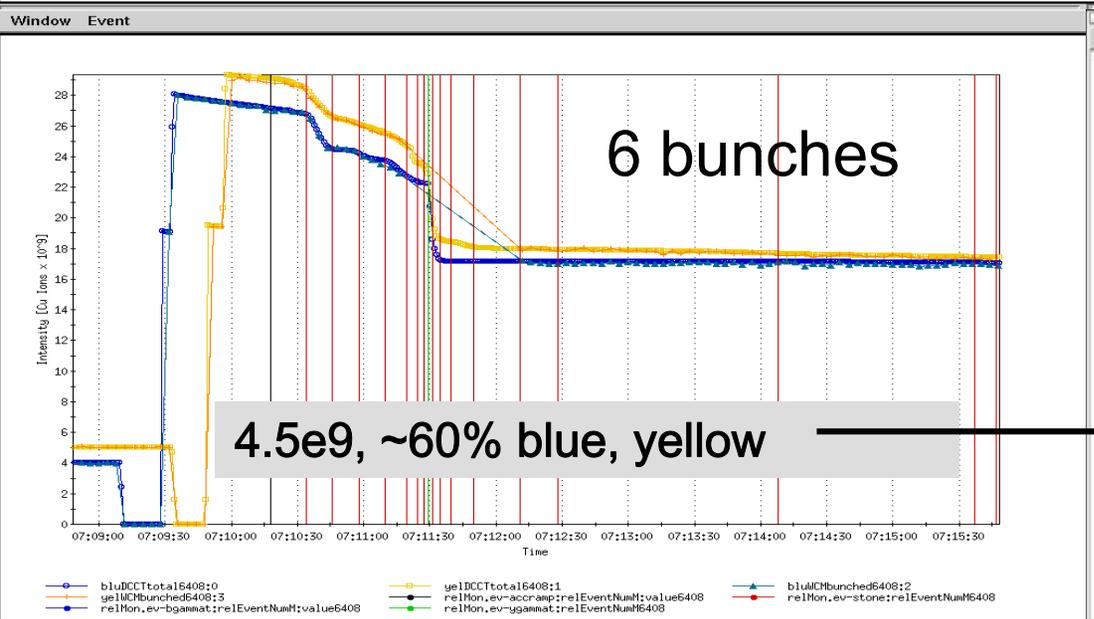
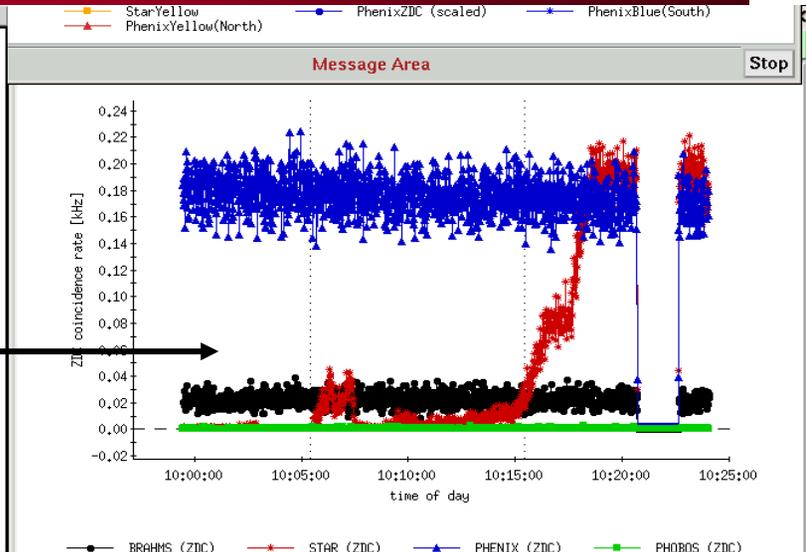
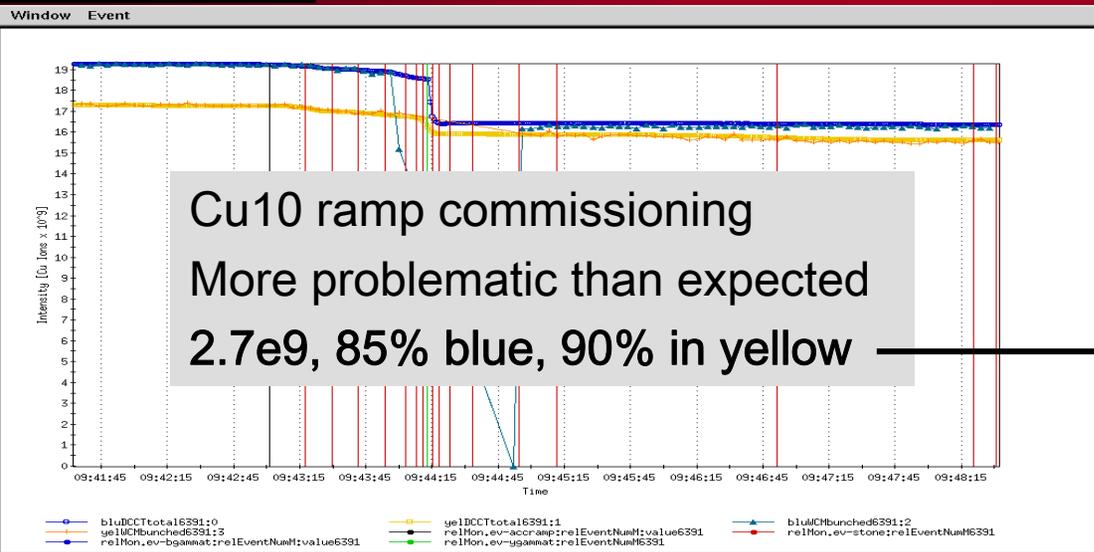
- I20 repair, water leak
- Access control problems
- Y line vacuum
- Low level RF and cavities

.....





Set-up for LE-Cu run - status



NO DATA available for re1Mon.ev-lumi:relEventNumM



Set-up for LE-Cu run - plan

- Re-bucketing set-up (in progress)
 - Transmission on ramp \rightarrow 85-90%
 - Try physics ramp (37x38) x 3.0 e9 \rightarrow ~1 KHz
- \rightarrow Collisions overnight (decision ~9-10pm)
- \rightarrow Improve bunch intensity 3 \rightarrow 5e9

“Plan B” - if we still have ramp problems with Cu10:
Develop a Cu11 (Cu10+same settings and injection as Cu8)
(Being worked on in parallel with beam development today)

Decision of start of physics after beam development results today and discussion about experiments luminosity needs